

ABSTRACT

Process for the preparation of a thermoplastic elastomer by melt mixing a partially vulcanized rubber concentrate, a thermoplastic polymer and/ or additives, optionally oil and a curing agent. The partially vulcanized rubber concentrate is prepared by melt mixing at least one elastomer and optionally oil with a thermoplastic polymer and a curing agent. The elastomer may be EPDM or EPM. The thermoplastic polymer may be chosen from a thermoplastic polyolefine. Usefull curing agents are for example sulfur, sulfurous compounds, metal oxides, maleimides, phenol resins or peroxides.